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| **26 – 30 October 2020** |
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| WORKSHOP ON CYBER SECURITY **Québec City Convention Center, Québec, Canada** |
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**WORKSHOP PROGRAMME**

### DAY 1 – Monday, 26 October 2020 – Workshop on Cyber Security

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| **Time** | **Activity (plenary)** |  |
| **1000 – 1145** | **Steering Committee Meeting with Session Chairs and Rapporteurs** |  |
| **1000 – 1300** | **Registration** |  |
| **1300 – 1430** | **Session 1 – Opening of the Workshop** | **Chair:** |
| 1300 – 1305 | Welcome from IALA | [IALA Secretary-General, Francis Zachariae] |
| 1305 – 1310 | Welcome from Quebec City/Canadian Coast Guard | TBC |
| 1310 – 1315 | Administration and safety briefing | Jaime Alvarez, Workshop Secretary |
| 1315 – 1330 | Workshop aims and objectives | [Phil Day, Chair of IALA ARM Committee] |
| 1330 – 1350 | Keynote: Cyber Security in the maritime domain | TBD |
| 1350 – 1410 | Keynote: Cyber Security in other bodies (IMO?) | TBD |
| 1410 – 1430 | Keynote: Cyber Security in other bodies (IHO?) | TBD |
| **1430 –1500** | **Break** | |
| **1500 – 1730** | **Session 2 – Current status of developments and working groups** | **Chair: TBD** |
| 1500 – 1520 | Work already done | TBD (e.g. BIMCO, IACS) |
| 1520 – 1600 | Existing standards and guidelines and possible adoption | TBD |
| 1600 - 1630 | Cyber security Committees perspectives (all) | TBD |
| 1630 – 1640 | Working groups overview | TBD |
| 1640 – 1655 | Introduction: Cyber Security Risk Management in the maritime domain (Sessions 3-5 WG 1) | Chair WG1 |
| 1655 – 1710 | Introduction: Preventive measures to ensure Cyber Resilience (Session 3-5 WG2) | Chair WG2 |
| 1710 – 1725 | Introduction: Incident Response and Recovery  (Sessions 3-5 WG3) | Chair WG3 |
| 1725 – 1730 | Split into working groups | Workgroup Secretary |
| 1730 - 1900 | Welcome reception – Icebreaker |  |

### DAY 2 – Tuesday, 27 October 2020 – Workshop on Cyber Security

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| **Time** | **Working Groups** | | |
| **Session 3** | **WG1 – Risk Management (RM)**  Chair: TBD  Rapporteur: TBD  Expert guidance : TBD | **WG2 – Preventive Technical Measures (PTM)**  Chair: TBD  Rapporteur: TBD  Expert guidance : TBD | **WG3 – Incident response and recovery (IRR)**  Chair: TBD  Rapporteur: TBD  Expert guidance : TBD |
| 0900 – 1030 | Discussion – Cyber Security policies | Discussion – Preventive measures | Discussion – Incident response planning |
| **1030 – 1040** | **Group photo** | | |
| **1040 – 1100** | **Break** | | |
| 1100 – 1230 | Discussion – Awareness and Education | Discussion – Technical domains: VTS, AtoN, Maritime Services | Discussion – Recovery planning |
| **1230 – 1330** | **Lunch** | | |
| 1330 – 1500 | Discussion – Applicable standards (organisational) | Discussion – Applicable standards (technical) | Discussion – Business Continuity Management |
| **1500 – 1530** | **Break** | | |
| 1530 – 1700 | Determine goals for the WG | Split into task groups for technical domains and determine goals for the WG | Determine goals for the WG |
| 1700 – 1800 | Steering Committee, WG Chairs and Rapporteurs meet to discuss progress | | |

### DAY 3 – Wednesday, 28 October 2020 – Workshop on Cyber Security

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| **Time** | **Working Groups** | | |
| **Session 4** | **WG1 – Risk Management (RM)**  Chair: TBD  Rapporteur: TBD  Expert guidance : TBD | **WG2 – Preventive Technical Measures (PTM)**  Chair: TBD  Rapporteur: TBD  Expert guidance : TBD | **WG3 – Incident response and recovery (IRR)**  Chair: TBD  Rapporteur: TBD  Expert guidance : TBD |
| 0900 – 1030 | WG Work | Work in task groups | WG Work |
| **1030 – 1100** | **Break** | | |
| 1100 – 1230 | WG Work (continued) | Work in task groups (continued) | WG Work (continued) |
| **1230 – 1330** | **Lunch** | | |
| 1330 – 1500 | WG Work (continued) | Work in task groups (continued) | WG Work (continued) |
| **1500 – 1530** | **Break** | | |
| 1530 - 1700 | WG Work (continued) | Work in task groups (continued) | WG Work (continued) |
| 1700 – 1730 | Steering Committee, WG Chairs and Rapporteurs meet to discuss progress | | |
| 1900 – 2200 | Dinner | | |

### DAY 4 – Thursday, 29 October 2020 – Workshop on Cyber Security

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| **Time** | **Working Groups** | | | |
| **Session 5** | **WG1 – Risk Management (RM)**  Chair: TBD  Rapporteur: TBD  Expert guidance : TBD | **WG2 – Preventive Technical Measures (PTM)**  Chair: TBD  Rapporteur: TBD  Expert guidance : TBD | | **WG3 – Incident response and recovery (IRR)**  Chair: TBD  Rapporteur: TBD  Expert guidance : TBD |
| 0900 – 1030 | Draft guideline (combined WG1 and WG3) | Consolidation of input from task groups | | Draft guideline (combined WG1 and WG3) |
| **1030 – 1100** | **Break** | | | |
| 1100 – 1230 | Draft guideline (combined WG1 and WG3) and WG report | Draft recommendation and WG report | | Draft guideline (combined WG1 and WG3) and WG report |
| **1230 – 1330** | **Lunch** | | | |
| 1330 – 1500 | Draft guideline (combined WG1 and WG3) and WG report | Draft recommendation and WG report | | Draft guideline (combined WG1 and WG3) and WG report |
| 1500 | Deadline for submission of documents to the Workshop Steering Committee | | | |
| **1500 – 1530** | **Break** | | | |
| **1530 – 1700** | **Session 6 – Working group results (plenary)** | | **Chair: TBD** | |
| 1530 – 1700 | Presentations results from working groups on work performed | | | |
| 1700 – 1800 | Steering Committee, WG Chairs and Rapporteurs meet for workshop report | | | |

### DAY 5 – Friday, 30 October 2020 – Workshop on Cyber Security

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| **Time** | **Activity** |  |
| **0900 – 1030** | **Session 7 – Final reviews (plenary)** | **Chair: TBD** |
| 0900 – 0930 | Discussion/presentation of final workshop report | Workshop chair |
| 0930 – 1000 | Discussion on produced guideline on the management of cyber security (WG1 and WG3) | WG1 & WG3 chairs |
| 1000 – 1030 | Discussion on produced recommendation on cyber security measures (WG2) | WG2 chair |
| **1030 – 1100** | **Break** | |
| **1100 – 1230** | **Session 8 – Conclusions and Closing** | **Chair: TBD** |
| 1100 – 1130 | Workshop review and conclusions | TBD |
| 1130 – 1200 | Way forward for IALA and the Technical Committees | TBD |
| 1200 – 1210 | Closing remark | TBD |
| 1210 – 1220 | [room for marketing of upcoming IALA activities] | TBD |
| 1220 – 1230 | Closing the workshop | Host country - TBD |

A temporary file sharing entry on the IALA file share system is available for the workshop and can be used by all participants. Each Working Group has its own sub-folder.